UNITED STATES OTTER QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106 15 45°15′ 106°07′30″ 45°15′ 10' R 45 E 12 20 12'30" 29 T 8 S 17 15 15°07′30″ 106°15′ 45°07'30" (BEAR CREEK SCHOOL) 4774 II SW 106°07′30″ R. 45 E. R. 46 E. Base from U.S. Geological Survey, 1972 Compiled in 1977 SCALE 1:24 000 UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE OTTER QUADRANGLE, POWDER RIVER COUNTY, MONTANA

PLATE 41
OVERBURDEN ISOPACH
MAP OF THE
KNOBLOCH COAL BED

**OPEN-FILE REPORT** 

This report has not been edited for conformity with U.S. Geological Survey

editorial standards or stratigraphic no-

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PLATE 41 OF 59

EXPLANATION

OVERBURDEN ISOPACHS—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet

BOUNDARY OF RESERVE BASE COAL--

0 1075

DRILL HOLE--Showing thickness

of overburden, in feet, from the surface to the top of the

To convert cubic yards of overburden per short ton of recoverable coal to cubic meters of overburden per

metric ton of recoverable coal, multiply by 0.84.

To convert feet to meters, multiply feet by 0.3.

Drawn along the 5-foot (1.5 m) coal isopach, the 1,000 foot (305 m) overburden isopach, and an arc 3 miles (4.8 km) from nearest complete measurement of coal

(61 m).

bed.

coal bed.